ESSEX COUNTY, SOUTH PART, Soils rating guide

May, 2002 - Natural Resources Conservation Service

SSURGO SYMBOLS

For map units where two or more components are named, the unit's P/S&L/O/U rating is based on the most limiting component.

P = prime S&L = state and local U = unique O = other subc: subclass

w: wet s: stony, droughty, or stony e: erodible Class 1 has few limitations for agriculture.

SSURGO	Map Unit Name	Publ. Sym.	Slp Rnge (%)	Slp	rating	cap cls	subc
722	Annisquam fine sandy loam, extremely bouldery	AnB	3 to 8	B	O	7	s
722	Annisquam fine sandy loam, extremely bouldery	AnC	8 to 15	C	O	7	s
722	Annisquam fine sandy loam, extremely bouldery	AnD	15 to 35	D	O	7	s
610	Beaches	Ba	-	-	-	-	-
225	Belgrade very fine sandy loam	BeB	0 to 8	B	P	2	e
220	Boxford silt loam	BuA	0 to 3	A	P	2	w
220	Boxford silt loam	BuB	3 to 8	B	P	2	e
220	Boxford silt loam	BuC	8 to 15	C	s&l	3	e
620	Boxford-Urban Land complex	BxB	3 to 15	B	O	-	-
420	Canton fine sandy loam	CaB	3 to 8	B	P	2	e
420	Canton fine sandy loam	CaC	8 to 20	C	s&l	3	e
421	Canton fine sandy loam, very stony	CbB	3 to 8	B	s&l	6	s
421	Canton fine sandy loam, very stony	CbC	8 to 15	C	s&l	6	s
421	Canton fine sandy loam, very stony	CbD	15 to 25	D	O	6	s
422	Canton fine sandy loam, extremely stony	CcB	3 to 8	B	O	7	s
422	Canton fine sandy loam, extremely stony	CcC	8 to 15	C	O	7	s
422	Canton fine sandy loam, extremely stony	CcD	15 to 25	D	O	7	s
422	Canton fine sandy loam, extremely stony	CcE	25 to 35	E	O	7	s
628	Canton-Urban land complex	ChC	3 to 15	C	O	-	-
102	Chatfield-Hollis-Rock outcrop complex	CrC	3 to 15	C	O	7	s
102	Chatfield-Hollis-Rock outcrop complex	CrD	15 to 35	D	O	7	s
256	Deerfield loamy fine sand	De	0 to 8	B	s&l	3	w
652	Dumps	Du	-	-	O	-	-
723	Elmridge fine sandy loam	ElA	0 to 3	A	P	2	w
723	Elmridge fine sandy loam	ElB	3 to 8	B	P	2	w
616	Fluvaquents, frequently flooded	FF	0 to 3	A	O	6	w
52	Freetown muck	Fm	0 to 1	A	U	7	w
53	Freetown muck, ponded	Fp	0 to 1	A	U	7	w
242	Hinckley gravelly fine sandy loam	HfA	0 to 3	A	s&l	3	s
242	Hinckley gravelly fine sandy loam	HfB	3 to 8	B	s&l	3	s
242	Hinckley gravelly fine sandy loam	HfC	8 to 15	C	O	4	s
242	Hinckley gravelly fine sandy loam	HfD	15 to 25	D	O	6	s
242	Hinckley gravelly fine sandy loam	HfE	25 to 45	E	O	7	s
724	Hollis-Urban Land-Rock outcrop	HuC	3 to 15	C	O	-	-
712	Ipswich and Westbrook mucky peats	Iw	0 to 1	A	U	8	w
12	Maybid silt loam	Ma	0 to 2	A	O	6	w
714	Melrose fine sandy loam	MeA	0 to 3	A	P	1	-
714	Melrose fine sandy loam	MeB	3 to 8	B	P	2	e
254	Merrimac fine sandy loam	MmA	0 to 3	A	P	2	s
254	Merrimac fine sandy loam	MmB	3 to 8	B	P	2	s
254	Merrimac fine sandy loam	MmC	8 to 15	C	s&l	3	e
254	Merrimac fine sandy loam	MmD	15 to 25	D	O	4	e
626	Merrimac-Urban Land complex	MnB	3 to 15	B	O	-	-

SSURGO	Map Unit Name	Publ. Sym.	Slp Rnge (%)	Slp	rating	cap cls	subc
300	Montauk fine sandy loam	MoB	3 to 8	B	P	2	e
300	Montauk fine sandy loam	MoC	8 to 15	C	s&l	3	e
301	Montauk fine sandy loam, very stony	MsB	3 to 8	B	s&l	6	s
301	Montauk fine sandy loam, very stony	MsC	8 to 15	C	O	6	s
301	Montauk fine sandy loam, very stony	MsD	15 to 25	D	O	6	s
302	Montauk fine sandy loam, extremely stony	MxC	8 to 15	C	O	7	s
302	Montauk fine sandy loam, extremely stony	MxD	15 to 25	D	O	7	s
276	Ninigret fine sandy loam	NnA	0 to 3	A	P	2	w
276	Ninigret fine sandy loam	NnB	3 to 8	B	P	2	w
305	Paxton fine sandy loam	PaB	3 to 8	B	P	2	e
305	Paxton fine sandy loam	PaC	8 to 15	C	s&l	3	e
305	Paxton fine sandy loam	PaD	15 to 25	D	O	4	e
306	Paxton fine sandy loam, very stony	PbB	3 to 8	B	s&l	6	s
306	Paxton fine sandy loam, very stony	PbC	8 to 15	C	s&l	6	s
306	Paxton fine sandy loam, very stony	PbD	15 to 25	D	O	6	s
392	Paxton and Montauk soils, extremely stony	PcE	25 to 45	E	O	7	s
622	Paxton-Urban land complex	PdC	3 to 15	C	O	-	-
38	Pipestone loamy fine sand	Pe	0 to 3	A	O	4	w
600	Pits, sand & gravel	Pg	-	-	O	-	-
250	Pollux fine sandy loam	PlB	0 to 8	B	P	2	e
323	Poquonock loamy sand, very stony	PoB	3 to 8	B	s&l	6	s
323	Poquonock loamy sand, very stony	PoC	8 to 15	C	s&l	6	s
323	Poquonock loamy sand, very stony	PoD	15 to 25	D	O	6	s
601	Quarries	Qu	-	-	O	-	-
70	Ridgebury fine sandy loam	RdA	0 to 6	A	O	4	w
71	Ridgebury fine sandy loam, extremely stony	RlA	0 to 3	A	O	7	s
71	Ridgebury fine sandy loam, extremely stony	RlB	3 to 8	B	O	7	s
105	Rock outcrop-Hollis complex	Rx	3 to 35	E	O	8	s
43	Scarboro mucky loamy fine sand	Sb	0 to 3	A	O	5	w
14	Scitico silt loam	ScA	0 to 5	A	O	4	w
315	Scituate fine sandy loam	SgB	3 to 8	B	P	2	w
316	Scituate fine sandy loam, very stony	ShB	3 to 8	B	s&l	6	s
316	Scituate fine sandy loam, very stony	ShC	8 to 15	C	s&l	6	s
317	Scituate fine sandy loam, extremely stony	SmB	3 to 8	B	O	7	s
318	Scituate fine sandy loam, extremely bouldery	SoB	3 to 8	B	O	7	s
318	Scituate fine sandy loam, extremely bouldery	SoC	8 to 15	C	O	7	s
725	Shaker fine sandy loam	SpA	0 to 3	A	O	4	w
725	Shaker fine sandy loam	SpB	3 to 8	B	O	4	w
260	Sudbury fine sandy loam	SrA	0 to 3	A	P	2	w
260	Sudbury fine sandy loam	SrB	3 to 8	B	P	2	w
51	Swansea mucky peat	Ss	0 to 1	A	U	7	w
702	Udipsamments, rolling	UAC	3 to 50	C	O	8	s
651	Udorthents, smoothed	UD	0 to 45	B	O	-	-
602	Urban land	Ur	-	-	O	-	-
31	Walpole fine sandy loam	WaA	0 to 3	A	O	4	w
31	Walpole fine sandy loam	WaB	3 to 8	B	O	4	w
32	Wareham loamy sand	We	0 to 3	A	O	4	w
1	Water	W	-	-	-	-	-
608	Water, ocean	WO	-	-	-	-	-
607	Water, saline	WS	-	-	-	-	-

SSURGO	Map Unit Name	Publ. Sym.	Slp Rnge (%)	Slp	rating	cap cls	subc
720	Whately variant mucky fine sandy loam	Wf	0 to 3	A	O	6	w
73	Whitman loam, extremely stony	Wh	0 to 5	A	O	7	s
255	Windsor loamy sand	WnA	0 to 3	A	s&l	3	s
255	Windsor loamy sand	WnB	3 to 8	B	s&l	3	s
255	Windsor loamy sand	WnC	8 to 15	C	s&l	4	s
255	Windsor loamy sand	WnD	15 to 25	D	O	6	s
310	Woodbridge fine sandy loam	WrB	3 to 8	B	P	2	w
310	Woodbridge fine sandy loam	WrC	8 to 15	C	s&l	3	e
311	Woodbridge fine sandy loam, very stony	WsB	3 to 8	B	s&l	6	s
311	Woodbridge fine sandy loam, very stony	WsC	8 to 15	C	s&l	6	s
311	Woodbridge fine sandy loam, very stony	WsD	15 to 25	D	O	6	s
	A slope = 0 - 3 % slope, unless otherwise noted						
	B slope = 3 - 8 %						
	C slope = 8 - 15 %						
	D slope = 15 - 25 %						
	E slope = 25 - 45 %						